# Clinical Journal of Sport Medicine

## Volume 12, 2002

Issue		Text Pages
1	(January)	1-72
2	(March)	73-138
3	(May)	139-200
4	(July)	201-264
5	(September)	265-326
6	(November)	327-000

### AUTHOR INDEX

Addy, Cheryl L., 99 Ainsworth, Barbara E., 99 Aish, Bassil, 348 Ajemian, Stanley V., 266 Altchek, David W., 151 Angelopoulos, Theodore J., 113 Archer, Pam, 360 Arena, Bruno, 43 Aubry, Mark, 6 Ayotte, Christiane, 245

Batt. Mark E., 107 Batterham, Alan M., 328 Bell, Gordon J., 139, 301 Bennell, Kim L., 339 Best, Thomas, 201 Best, Thomas, M., 3 Bishop, Graeme, 172 Blair, Steven N., 99 Bleakney, Robert R., 273 Bouchard, Ron. 209 Boyajian, Lori, 46 Brandenburg, Mark A., 360 Brocai, Dario R. C., 95 Brolinson, Gunnar, 2 Brolinson, Per Gunnar, 46 Brown, Holly, 387 Brunet, Jacques A., 266 Burghardt, Margaret, 387 Burke, Therese V., 296 Butcher, Janus D., 291 Butterwick, Dale J., 30 Byth, Karen, 296

Cantu, Robert, 6
Carrozzi, Fiona M., 296
Carstens, Claus, 95
Chang, Cindy J., 127
Chorley, Joseph N., 18
Chow, Tony K., 158
Chu, Kelly S., 387
Cianca, John C., 18
Clark, R. Randall, 285
Collings, Angela, 387
Collins, Malcolm, 279, 391
Corrigan, Brian, 236, 242
Cowan, Sallie M., 339

Davis, Peter F., 318 Dean, Heather, 250 Delaney, J. Scott, 331 Denegar, Craig R., 12
Denton, Julia C., 113
DiFiori, John P., 348
Divine, Jon G., 18
Doherty, Timothy J., 387
Dorey, Frederick, 348
Dressendorfer, Rudolph H., 301
Drezner, Jonathan A., 184
Duffey, Timothy, 46
Dyorak, Jiri, 6
Dyck, Myrna, 39

Edwards, Jeffrey E., 373 Emaus, Erik, 46

Fallon, Kieran E., 41 Fallon, Kieran Edward, 172 Feinberg, Joseph H., 73 Fitch, Kenneth D., 225 Foye, Patrick, 73 Fredericson, Michael, 36 Freedman, Alan, 123

Gaetz, Michael, 265 Gärtner, Vera, 95 Geiger, Jonathan D., 209, 263 Gibson, Alan St. Clair, 308 Giesbrecht, Gordon G., 322 Giesen, Daniel P., 165 Glorioso, John E., 313 Goedecke, Julia, 391 Goodman, David, 265 Gowantock, Whitney, 387 Graf-Baumann, Toni, 6 Greenwald, Robert, 123 Gregory, Peter L., 107

Hannon, Judith L., 301
Hanstock, Christopher C., 139
Harmon, Kimberly G., 184
Hart, Lawrence E., 134, 320, 403
Heiman, Diana L., 56
Henehan, Michael, 46
Herring, Stanley A., 261
Hertel, Jay, 12
Hew, Tamara D., 18
Hoberman, John, 203
Hodges, Paul W., 339
Hodgkinson, Ross, 39

Hoens, Alison M., 55 Hootman, Jennifer M., 99 Hopkins, Andrew, 41 Horvath, Peter K., 41 Howe, Christopher, 229 Hummel, Christopher B., 158

Ingersoll, Christopher D., 373 Ishibashi, Yasuyuki, 79

Jamurtas, Athanasios Z., 113 Johnson, Philip D., 12 Johnston, Karen M., 6, 331 Jones, Richard L., 139 Juhn, Mark S., 46, 315

Kader, Diary, 43 Kamali, Michael, 123 Katelaris, Constance H., 296 Kazlauskas, Rymantas, 229 Kelly, James, 6 Kibler, W. Ben, 199 Kirkley, Alexandra, 136 Kissick, James, 259 Kohl, Harold W. III, 52 Kohl, Thomas D., 165 Kronisch, Robert L., 158

Lacroix, Vincent J., 331 Lambert, Michael J., 308 LaMonte, Michael J., 407 Lazarux, Martin, 130 Leclerc, Suzanne, 331 Lee, Siow F., 301 Lim, Kim Peng, 273 Lisney, Mary, 165 Logan, Andrew J., 182 Lovell, Mark, 6 Lovell, Mark, 6 Londquist, Bryan, 400

MacDonald, Peter B., 39 Macera, Carol A., 99 MacIntyre, Donna L., 367 Macintyre, Jim, 54 Maddox, Matthew, 46 Maffulli, Nicola, 43, 273 Malanga, Gerard A., 73 Mann, Robert W., 57 Marley, Robert R., 85

# Clinical Journal of Sport Medicine

## Volume 12, 2002

Issue		Text Pages
1	(January)	1-72
2	(March)	73-138
3	(May)	139-200
4	(July)	201-264
5	(September)	265-326
6	(November)	327-000

### AUTHOR INDEX

Addy, Cheryl L., 99 Ainsworth, Barbara E., 99 Aish, Bassil, 348 Ajemian, Stanley V., 266 Altchek, David W., 151 Angelopoulos, Theodore J., 113 Archer, Pam, 360 Arena, Bruno, 43 Aubry, Mark, 6 Ayotte, Christiane, 245

Batt. Mark E., 107 Batterham, Alan M., 328 Bell, Gordon J., 139, 301 Bennell, Kim L., 339 Best, Thomas, 201 Best, Thomas, M., 3 Bishop, Graeme, 172 Blair, Steven N., 99 Bleakney, Robert R., 273 Bouchard, Ron. 209 Boyajian, Lori, 46 Brandenburg, Mark A., 360 Brocai, Dario R. C., 95 Brolinson, Gunnar, 2 Brolinson, Per Gunnar, 46 Brown, Holly, 387 Brunet, Jacques A., 266 Burghardt, Margaret, 387 Burke, Therese V., 296 Butcher, Janus D., 291 Butterwick, Dale J., 30 Byth, Karen, 296

Cantu, Robert, 6
Carrozzi, Fiona M., 296
Carstens, Claus, 95
Chang, Cindy J., 127
Chorley, Joseph N., 18
Chow, Tony K., 158
Chu, Kelly S., 387
Cianca, John C., 18
Clark, R. Randall, 285
Collings, Angela, 387
Collins, Malcolm, 279, 391
Corrigan, Brian, 236, 242
Cowan, Sallie M., 339

Davis, Peter F., 318 Dean, Heather, 250 Delaney, J. Scott, 331 Denegar, Craig R., 12
Denton, Julia C., 113
DiFiori, John P., 348
Divine, Jon G., 18
Doherty, Timothy J., 387
Dorey, Frederick, 348
Dressendorfer, Rudolph H., 301
Drezner, Jonathan A., 184
Duffey, Timothy, 46
Dyorak, Jiri, 6
Dyck, Myrna, 39

Edwards, Jeffrey E., 373 Emaus, Erik, 46

Fallon, Kieran E., 41 Fallon, Kieran Edward, 172 Feinberg, Joseph H., 73 Fitch, Kenneth D., 225 Foye, Patrick, 73 Fredericson, Michael, 36 Freedman, Alan, 123

Gaetz, Michael, 265 Gärtner, Vera, 95 Geiger, Jonathan D., 209, 263 Gibson, Alan St. Clair, 308 Giesbrecht, Gordon G., 322 Giesen, Daniel P., 165 Glorioso, John E., 313 Goedecke, Julia, 391 Goodman, David, 265 Gowantock, Whitney, 387 Graf-Baumann, Toni, 6 Greenwald, Robert, 123 Gregory, Peter L., 107

Hannon, Judith L., 301
Hanstock, Christopher C., 139
Harmon, Kimberly G., 184
Hart, Lawrence E., 134, 320, 403
Heiman, Diana L., 56
Henehan, Michael, 46
Herring, Stanley A., 261
Hertel, Jay, 12
Hew, Tamara D., 18
Hoberman, John, 203
Hodges, Paul W., 339
Hodgkinson, Ross, 39

Hoens, Alison M., 55 Hootman, Jennifer M., 99 Hopkins, Andrew, 41 Horvath, Peter K., 41 Howe, Christopher, 229 Hummel, Christopher B., 158

Ingersoll, Christopher D., 373 Ishibashi, Yasuyuki, 79

Jamurtas, Athanasios Z., 113 Johnson, Philip D., 12 Johnston, Karen M., 6, 331 Jones, Richard L., 139 Juhn, Mark S., 46, 315

Kader, Diary, 43 Kamali, Michael, 123 Katelaris, Constance H., 296 Kazlauskas, Rymantas, 229 Kelly, James, 6 Kibler, W. Ben, 199 Kirkley, Alexandra, 136 Kissick, James, 259 Kohl, Harold W. III, 52 Kohl, Thomas D., 165 Kronisch, Robert L., 158

Lacroix, Vincent J., 331 Lambert, Michael J., 308 LaMonte, Michael J., 407 Lazarux, Martin, 130 Leclerc, Suzanne, 331 Lee, Siow F., 301 Lim, Kim Peng, 273 Lisney, Mary, 165 Logan, Andrew J., 182 Lovell, Mark, 6 Lovell, Mark, 6 Londquist, Bryan, 400

MacDonald, Peter B., 39 Macera, Carol A., 99 MacIntyre, Donna L., 367 Macintyre, Jim, 54 Maddox, Matthew, 46 Maffulli, Nicola, 43, 273 Malanga, Gerard A., 73 Mann, Robert W., 57 Marley, Robert R., 85 Martin, Malissa, 99 Matheson, Gordon O., 196 Matsumoto, Kazu, 354 McCormack, Damien, 179 McCormack, Robert, 405 McCormack, Robert G., 200 McCrory, Paul, 6 McKenna, John, 179 McKenzie, Donald C., 225 Meeuwisse, Willem H., 1, 2, 6, 30, 406 Mendoza, John, 254 Merrick, Mark A., 373 Meyers, Michael C., 85 Milheiro, Jamie S., 387 Miyamoto, Kei. 354 Moazzaz, Payam, 127 Moley, Peter, 73 Moyer, John Jr., 165 Mulhall, Kevin J., 179

Nadler, Scott F., 73 Nigg. Benno M., 58 Nishizawa, Kazuharu, 79 Noakes, Timothy, 391 Noakes, Timothy D., 308

O'Brien. Stephen J., 151 Ogston, Jena, 291 Okamura, Yoshihisa, 79 Olmsted, Lauren C., 12 Oppliger, Robert A., 285 Orchard, John, 3 Otsuka, Hironori, 79

Parise, Gianni, 387 Parsch, Dominik, 95 Petersen, Stewart R., 301 Pfeiffer, Ronald P., 158 Pipe, Andrew, 201, 245 Plotnikoff, Nadine A., 367 Powers, Christopher M., 36 Press, Joel M., 130 Puffer, James C., 348 Putukian, Margot, 12

Richards, David P., 266 Rodgers, Ian, 279 Rose, Howard A., 151 Rosser, Walter, 132 Roy, Stewart, 182 Rubanni, Mariam, 73

Sasaki, Taisuke, 79

Schamasch, Patrick, 6 Schmitt, Holger, 95 Schneider, Stephen H., 198 Schultz, Rebecca M., 113 Seehusen, Dean A., 313 Sharwood, Karen, 279, 391 Sharwood, Karen A., 308 Shimizu, Katsuji, 354 Shrier, Ian, 328 Simonian, Peter T., 315 Singh, Gurpreet, 198 Smith, Bryan W., 24 Smith, W. Gary, 387 Snow, Rodney J., 137 Speedy, Dale B., 279 Spillane, Linda, 123 Standaert, Christopher J., 119 Sterling, James C., 85 Stewart, Ian B., 225

Stockard, Alan, 46 Stone, Marcus B., 373 Strange, Greg. 39 Sullivan, Jude C., 285 Sumi, Hiroshi, 354 Sumi, Yasuhiko, 354 Syrotuik, Daniel G., 139

Tallon, Cheryl, 273 Tarnopolsky, Mark A., 387 Terrell, Thomas R., 400 Thompson, John M. D., 279 Toh, Satoshi, 79 Trout, Graham, 229 Tumia, Nezar, 43

Vad, Vijay B., 151 Vangelos, Zenos A., 46 Veenema, Kenneth, 123

Waicus, Kelly M., 24 Wallace, W. Angus, 107 Walsh, Alan, 179 Warren, Russell F., 151 Weber, Anna R., 209 Webster, Anthony L., 139 Wickiewicz, Thomas L., 151 Wiley, J. Preston, 266 Wiley, Preston, 262 Willick, Stuart E., 130 Wilson, Christopher, 182 Wilson, Gary, 391 Wong, Jason K., 273

Yanowitz, Frank G., 407

Zernicke, Ronald F., 266

### STATEMENT OF OWNERSHIP MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685)

1. Publication Title: CLINICAL JOURNAL OF SPORT MEDICINE

2. Publication no.: 1050-642X. 3. Filing date: 10-01-02. 4. Frequency of issue: Bi-Monthly

5. No. of issues published annually: 6; 6. Annual subscription price: \$ 202.00

Complete mailing address of known office of publication: Lippincott Williams & Wilkins, 16522 Hunters Green Parkway, Hagerstown, MD 21740-2116. 8. Complete mailing address of the headquarters of general business offices of the publisher: 530 Walnut Street, Philadelphia, PA 19106.

Full names and complete mailing address of publisher, editor, and managing editor: Publisher: Lippincott Williams & Wilkins, Inc., 530 Wainut Street, Philadelphia, PA 19106; Editor: Willem Meeuwisse, MD, PhD, University of Calgary, Sport Medicine Centre, 2500 University Drive NW, Calgary, AB T2N 1N4. Managing Editor: Stephanie Klein, Lippincott Williams & Wilkins, 530 Walnut Street, Philadelphia, PA 19106. 10. Owner: Lippincott Williams & Wilkins, 530 Walnut Street, Philadelphia PA 19106; 351 West Camden Street, Baltimore MD 21201; Wolters Kluwer, US, 345 Hudson Street, New York, NY 10014; Wolters Kluwer, nv (owns 100% of stock), Stadouderskade 1, 1054 FS Amsterdam, The Netherlands. 11.Known bondholders, mortgagees, and other security holders owning or holding 1% or more of total amount of bonds, mortgages, or other securities: None.

12. Purpose, function, and nonprofit status: Has not changed during preceding 12 months.

13. Publication Name: CLINICAL JOURNAL OF SPORT MEDICINE

14. Issue Date for circulation data: Volume 11, Issue 4.

15. Extent and nature of circulation: Average number of copies each issue during preceding 12 months: (a) Total No. copies (Net Press Run), 3,910. (b) Paid and/or requested circulation; (1) Paid/requested outside-county mail subscriptions stated on form 3541. (Include advertiser's proof and exchange copies), 2.208; (2) Paid in-county subscriptions (include advertiser's proof and exchange copies), N/A; (3) Sales through dealers and carriers, street vendors, counter sales, and other non-USPS paid distribution, 537; (4) Other classes mailed through the USPS, N/A. (c) Total paid and/or requested circulation (sum of 15b (1), (2), (3), and (4), 2745, (b) Free distribution by mail (samples, complimentary, and other free). (1) Outside-county as stated on form 3541, 73; (2) In county as stated on form 3541, N/A; (3) Other classes mailed through the USPS, N/A. (e) Free distribution outside the mail (carriers or other means), 76. (f) Total free distribution (sum of 15d and 15e), 149. (g) Total distribution (Sum of 15c and 15f), 2,894. (h) Copies not distributed, 1,016. (i) Total (sum of 15g and h), 3,910. (j) Percent paid and/or requested circulation (15c divided by 15g times 100), 95%. No. copies of single issue published nearest to filling date: (a) Total no. copies (Net Press Run), 3,400. (b) Paid and/or requested circulation; (1) Paid/requested outside-county mail subscriptions stated on form 3541, (Include advertiser's proof and exchange copies), 2,298; (2) Paid in-county subscriptions (include advertiser's proof and exchange copies), N/A; (3) Sales through dealers and carriers, street vendors, counter sales, and other non-USPS paid distribution, 647; (4) Other classes mailed through the USPS, N/A. (c) Total paid and/or requested circulation (sum of 15b. (1), (2), (3), and (4), 2,945. (d) Free distribution by mail (samples, complimentary, and other free), (1) Outside-county as stated on form 3541, 92; (2) In-county as stated on form 3541, N/A; (3) Other classes mailed through the USPS, N/A. (e) Free distribution outside the mail (carriers or other means), 168. (f) Total free distribution (sum of 15d and 15e), 260. (g) Total distribution (Sum of 15c and 15f), 3,205. (h) Copies not distributed, 195. (i) Total (sum of 15g and h), 3,400. (j) Percent paid and/or requested circulation (15c divided by 15g ×100), 92%.

16. This Statement of Ownership will be printed in volume 12, issue 6 of this publication.

17. I certify that the statements made by me above are correct and complete.

Jeff Brown Manager, Periodical Operations

### SUBJECT INDEX

Abstracts

American Medical Society for Sports Medicine annual meeting, 323 Canadian Academy of Sport Medicine annual meeting, 60 Canadian Academy of Sport Medicine annual symposium, 187

Acetabular fractures, case reports, 127

Achilles tendinopathy

during pregnancy, case report, 43

with tendinosis, 367

Achilles tendon

NSAIDs and healing after injury to, 192 rupture, ultrasonographic features of, 273

Achilles tendonitis, radial shockwave therapy for, 61

ACL. See Anterior cruciate ligament

Aeromioclavicular separation

acute grade III, 199

type VI, with middle-third clavicle fracture, in ice hockey players, case report, 315

Adolescent athletes

skiers, radiologic abnormalities and low back pain in, 200

soccer players and snowboarders, subacute subdural hematoma in, case report, 15x

spondylolysis in, 119

transphyseal ACL repair in, 188

Agility tasks, mild brain injury effects on, 12

Allergic rhinoconjunctivitis, intranasal budesonide and, in elite athletes, 296

American Medical Society for Sports Medicine annual meeting abstracts, 323

American Osteopathic Academy of Sports Medicine (AOASM) position statement on violence and injury in ice hockey. 46

Amnesia, and severity of concussion, 325

Amphetamines, informed decision-making on, 209

Anabolic steroids, DHEA, 236

Ankle joint

dynamics of, and patellar tendinopathy, in elite volleyball players, 266

inversion sprains, acute, passive joint mobilization for, 54

Anterior compartment pressure, creatine supplementation and, 137 Anterior cruciate ligament

anatomic variables in, MRI of, in female athletes, 70

injuries to, jumping vs nonjumping, 03x

reconstruction of

draining, 70

patellar or hamstring tendons in, 136

rehabilitation of

home vs. physiotherapy supervised, 193

stairclimber vs. cycle ergometry in, 85

rupture of, adjusted rehabilitation and osseous lesions associated with, 193

tears, familial predisposition towards, 194

transphyseal repair of, in skeletally immature, 188

Anterior shoulder dislocation, traumatic, immediate arthroscopic stabilization vs. immobilization and rehabilitation, 194

Anterior shoulder instability, recurrent traumatic, arthroscopic vs. open repair for, 194

Appendicitis, chronic, presenting as low back pain, in recreational athlete, case report, 184

Arrows, biodegradable, 69

Arthritis. See also Osteoarthritis

water exercise program for, 63

Arthroplasty, total knee, swing limb control during step-up after, 62 Arthroscopy

evaluation of shoulder impingement syndrome, interobserver reliability in, 68

knee, emphysema of knee and thigh after excessive Mitek vaporizer use in, case report, 182

recurrent traumatic anterior shoulder instability repair. 194

rotator cuff tear repair

with BIONX Tacks, 64 with PLLA fixation, 64

shoulder stabilization

immediate, for traumatic anterior dislocation, 194

radiofrequency heat probe use during, 195

exercise-induced, sport-specific protocol for diagnosis of, in crosscountry skiers, 291

inhaled beta agonists and performance in athletes with, 225

Athletes. See also specific sports

adolescent

spondylolysis in, 119

transphyseal ACL repair in, 188

elite, sports physicians and doping crisis in, 203

female, ACL anatomic variables in, MRI of, 70

recreational

chronic appendicitis presenting as low back pain in, case report,

lower extremity injury in, predictors of, 99

triathletes, weight changes, sodium levels, and performance in, 09x

low back injuries in, prediction of, 261

Back injuries. See Low back injuries

Back pain. See Low back pain

Bacterial endocarditis, subacute, in footballers, case reports, 41

Baseball pitchers, professional, dynamic sonography of ulnar collateral ligament in, 324

Beta agonists, inhaled, and performance in asthmatic athletes, 225

Bicycle ergometry, in postoperative ACL rehabilitation, 85

Bicycle training, immune status during, 301

Bicycling, gender differences in acute mountain bike racing injuries,

Biodegradable arrows, for meniscal repair, 69

BIONX Tacks

arthroscopic repair of rotator cuff tears with, 64

complications of shoulder stabilization with, 64 Blood pressure, aerobic exercise and, 403-407

Body builders, women, tamoxifen in, case report, 313

Body fat, NCAA method for prediction of, cross-validation of, 285 Body weight, changes in South African Ironman Triathlon, 09x

Bone, stress injuries of, scintigraphy vs MRI of, 79

Bowling, spin vs. fast injuries in young cricketers, 107

Bracing, knee, effects on medial compartment osteoarthritis, 70

Brain injury, mild. See also Concussion effects on agility tasks, 12

Bromelain, for delayed onset muscle soreness, 373

Budesonide, intranasal, and rhinoconjunctivitis, in elite athletes, 296

Bull riders, helmet prevention of head injuries in, 04x

Bull Tough helmet, 04x

Caffeine, informed decision-making on, 209

Canadian Academy of Sport Medicine

2002 annual meeting abstracts, 60

2002 annual symposium abstracts, 187

Canadian Intercollegiate Athletics Union (CIAU) universities, PPE form for Female Athlete Triad screening in, 67

Cardiovascular pre-participation examination, clinical agreement in, 324

Case reports

acetabular fractures during sports, 127

Achilles tendinopathy during pregnancy, 43

chronic appendicitis presenting as low back pain in recreational athlete. 184

emphysema of knee and thigh after excessive Mitek vaporizer use during knee arthroscopy, 182

initial lateral cervical spine films for athlete with suspected neck injury with helmet and shoulder pads on or off, 123

injuries after knee hyperextension, 391

osteitis pubis in professional soccer players, 179

peroneal nerve injuries in professional hockey, 39

quadratus femoris strain, 130

splenic rupture and return-to-play guidelines in college football players. 400

spontaneous pneumothorax in track athletes, 318

subacute bacterial endocarditis in football, 41

subacute subdural hematoma in teenage soccer player and snowboarder, 15x

tamoxifen as ergogenic agent in women body builders, 313

type VI acromioclavicular separation with middle-third clavicle fracture in ice hockey players, 315

Cervical spine films, lateral, with suspected neck injury and helmet and shoulder pads on or off, case report, 123

Children at risk for type 2 diabetes, exercise assessment in, 387 CIAU universities. See Canadian Intercollegiate Athletics Union uni-

Clavicle fracture, middle-third, type VI acromioclavicular separation with, in ice hockey players, case report, 315

Clinical Journal of Sport Medicine (CJSM), editorial office, 2

Clinical research, methodology, 1

College football players

concussion among, 331

creatine kinase values in, 323

splenic rupture and return-to-play guidelines in, case report, 400

College soccer players, concussion among, 331

College wrestlers, NCAA method for body fat prediction for, crossvalidation of, 285

Community-based exercise assessment, in children at risk for type 2 diabetes, 387

Computer-based outcome instruments, 62

Computerized neuropsychologic testing, management of concussion via, 323

Concussion

face shields and, in ice hockey, 191

neuropsychological evaluation of

computerized testing, 323

McGill ACE vs. NHL test battery, 187

return-to-play guidelines after, 265

severity of

brief loss of consciousness and, 323

retrograde and anterograde amnesia and, 325

summary and agreement statement on, 6

in university football and soccer players, 331

in varsity athletes, 191

Consciousness, loss of, brief, 323

Cooling, rapid techniques for heat strain, 322

Corticosteroids, for lateral epicondylitis, 403-407

Counseling, physical activity, 132

Creatine kinase, in college football players, 323

Creatine supplementation, and anterior compartment pressure, 137

Cricketers, young, spin vs. fast bowling injuries in, 107

Cross-country skiers, exercise-induced asthma in, 291

Cycle ergometry, in postoperative ACL rehabilitation, 85

Cycle training, immune status during, 301

Cycling, gender differences in acute mountain bike racing injuries, 158

Daily activities, disability in, prevention of, in older persons with knee osteoarthritis, 403-407

Deep vein thrombosis, exercise and self-reported symptoms, 62

Dehydroepiandrosterone (DHEA), 236

Diabetes, type 2

exercise and, 198

exercise assessment in children at risk for, 387

Diclofenac, effects in exercise-induced muscle damage, 193

Disability, prevention of, in older persons with knee osteoarthritis, 403-407

Dislocation, posterolateral knee, posterior tibial tendon transfer for peroneal palsy after, 64

Distance running

marathon training, baseline injury risk factors for, 18 Masters long-distance, oxygen consumption in, 308

ultralong, erythropoiesis changes during, 172

nutritional supplements and, 245

sports physicians and, 203

war on, 254

World Anti-Doping Agency (WADA). 254

Draining, in ACL reconstruction, 70

Drug testing, rhEPO detection strategies, 229

performance-enhancing, 201, 203

sympathomimetic, 209

war on, 254

DVT. See Deep vein thrombosis

Dynamic sonography, of ulnar collateral ligament, in professional baseball pitchers, 324

Editorials

Clinically Relevant?, 328

Drugs, Sport, and Medical Practice, 201

Editor's Notes, 2

The Management of Muscle Strain Injuries: An Early Return Versus the Risk of Recurrence, 3

Return-to-play Guidelines After Concussion: The Message Is Getting Through, 265

Science Without Logic, 1

Elbow, tennis, radial shockwave therapy for, 69

Elite athletes

doping crisis in, 203

intranasal budesonide and rhinoconjunctivitis in. 296

volleyball players, ankle joint dynamics and patellar tendinopathy in,

young hockey players, facial protection and injuries, 403-407

Emphysema, knee and thigh, after excessive Mitek vaporizer use during knee arthroscopy, case report, 182

Ephedra alkaloid supplements, adverse events associated with, 263 Ephedrine, 209

Epicondylitis, lateral

corticosteroids vs. physiotherapy vs. wait-and-see for, 403-407 low intensity Nd:YAG laser irradiation for, 55

Equipment, protective

facial, in elite young hockey players, 403-407

facial shields, in ice hockey, 191

helmet and shoulder padding in initial lateral cervical spine films with suspected neck injury, case report, 123

rugby scrum caps, impact attenuating capability of, 65

in snowboarding, 66

Ergogenic agents, tamoxifen in women body builders, case report, 313

Erythropoiesis, changes during ultralong distance running, 172

Erythropoietin

future directions, 242

recombinant rhEPO, detection strategies for, 229

Evidence-based medicine, clinical relevance, 328

Exercise

aerobic, and blood pressure, 403-407

anaerobic, pseudoephedrine effects in, 360 for impingement syndrome, review, 190

as lifestyle choice model component, 187

and self-reported symptoms post-DVT, 62 and type-2 diabetes, 198

ultradistance, salt supplementation during, 279 water-based programs for arthritis, 63

Exercise assessment, in children at risk for type 2 diabetes, 387

Exercise-induced asthma, sport-specific protocol for diagnosis of, in cross-country skiers, 291

Exercise-induced muscle damage diclofenac effects in, 193

hyperbaric oxygen and, 139

Experience, effects on rodeo injury. 30

Extracorporeal shock-wave treatment, low-energy, for supraspinatus tendinitis, 262

Eye injuries, in women lacrosse players, 24

Facial protection

in elite young hockey players, 403-407 shields, in ice hockey, 191

Fast bowling injuries, in young cricketers, 107

Female Athlete Triad, PPE form for screening for, in CIAU universities, 67

Female athletes. See also specific sports ACL anatomic variables in, MRI of, 70

Foot pronation, and running injuries, 57, 189

Football players, college concussion among, 331

creatine kinase values in, 323

splenic rupture and return-to-play guidelines in, case report, 400

Footballers. See Soccer players

Fractures acetabular, case reports, 127

middle-third clavicle, type VI acromioclavicular separation with, in ice hockey players, case report, 315

Functional performance deficits, in athletes with previous lower extremity injury, 73

Gender differences, in acute mountain bike racing injuries, 158 Glucosamine sulfate, long-term effects on knee osteoarthritis, 134 Glucose tolerance, in obese subjects after training, 113

Golf swing, kinematics in rotator cuff injury, 63

Groin injuries, risk factors for

in hockey, 259

in National Hockey League, 65 Growth hormone, exogenous, 250

Gymnasts, young, wrist pain in, 348

Hamstring tendons, in ACL reconstruction, 136

13 .d injury prevention

with helmet, in bull riders, 04x

Think First Saskatchewan program. 191

Headgear

helmet pads, in initial lateral cervical spine films for suspected neck injury, case report, 123

helmets for bull riders, 04x

rugby scrum caps, impact attenuating capability of, 65

Heat strain, rapid cooling techniques in, 322

Helmet pads, in initial lateral cervical spine films for suspected neck injury, case report, 123

Helmets, for bull riders, 04x

Hematoma, subdural, subacute, in teenage soccer player and snowboarder, case report, 15x

Hemoglobin oxygen carriers, 242

Home rehabilitation, after ACL reconstruction, 193

Hydrotherapy, after full-thickness rotator cuff repairs, 67

Hyperbaric oxygen, effects on exercise-induced muscle damage recovery, 139

Hyperextension, knee, injuries after, case report, 391

Ibuprofen, for delayed onset muscle soreness, 373

AOASM position statement on violence and injury in, 46 elite young players, facial protection and injuries, 403-407

face shields and concussion in, 191

professional, peroneal nerve injuries in, 188

case reports, 39

risk factors for groin injury in, 259

in National Hockey League, 65

type VI acromioelavicular separation with middle-third elavicle fracture in, case report, 315

Ice skating, short track speed skating injuries, 192

Iliotibial band friction syndrome, conservative treatment of, 63

Immobilization and rehabilitation, for traumatic anterior shoulder dislocation, 194

Immune status, during high performance training, 301

Impact forces, in running-related injuries, 57

Impingement syndrome, exercise therapy and orthopaedic manual therapy for, review, 190

Infection, ringworm (tinea gladiatorum), 165

Inhaled beta agonists, and performance in asthmatic athletes, 225 Injuries. See also Fractures

Achilles tendon, NSAIDs and healing after, 192

anterior cruciate ligament, jumping vs nonjumping, 03x

baseline risk factors for runners, 18

brain, mild, effects on agility tasks, 12

eye, in women lacrosse players, 24

facial protection and, in elite young hockey players, 403-407 groin, risk factors for

in hockey, 259

in National Hockey League, 65

head, prevention of

in bull riders, 04x

Think First Saskatchewan program, 191

in ice hockey, AOASM position statement on, 46

after knee hyperextension, case report, 391

low back, in varsity athletes, prediction of, 261

lower extremity

functional performance deficits in athletes with, 73 predictors of, among recreationally active adults, 99

mountain bike racing, acute, gender differences in, 158

muscle strain, 3

musculoskeletal, risk of, 196

neck, suspected, initial lateral cervical spine films with helmet and shoulder pads on or off, case report, 123

peroneal nerve, in professional hockey, 188

case reports, 39

prevention of, protective equipment and, in snowboarding, 66 rodeo

epidemiology of, 67

experience effects on. 30, 61

rotator cuff, golf swing kinematics in, 63

impact forces and foot pronation in, 57

pronation, shock, and, 189

retrospective analysis of, 60

site of, 189

in short track speed skating, 192

soft tissue, lower limb, prevention of, in runners, 320

of spin vs. fast bowling, in young cricketers, 107

spinal cord, prevention of, Think First Saskatchewan program, 191

stress, of bone, scintigraphy vs MRI of, 79

upper extremity, in snowboarding and skiing, 354

multidirectional, proprioception in, 68

shoulder, recurrent traumatic anterior, arthroscopic vs. open repair for, 194

Insulin, after training in obese subjects, 113

1st International Symposium on Concussion in Sport, Vienna 2001 summary and agreement statement, 6

Ironman triathletes, weight changes, sodium levels, and performance in, 09x

Jacobs, Allen W., 2

Joint mobilization, passive, for acute ankle inversion sprains, 54

Jumper's knee, radial shockwave therapy for, 61

Jumping anterior cruciate ligament injuries, 03x

Kirkley, Alexandra (Sandy), 327

Knee

arthroplasty of, total, swing limb control during step-up after, 62 arthroscopy of, emphysema of knee and thigh after excessive Mitek vaporizer use in, case report, 182

bracing of, effects on medial compartment osteoarthritis, 70

dislocation of, posterolateral, posterior tibial tendon transfer for peroneal palsy after, 64

emphysema of, after excessive Mitek vaporizer use during knee arthroscopy, case report, 182

hyperextension of, injuries after, case report, 391

osteoarthritis of

long-term effects of glucosamine sulfate on, 134

prevention of disability in older persons with, 403-407

Lacrosse, eye injuries in women players, 24

Laser irradiation, low intensity Nd:YAG, for lateral epicondylitis, 55 Lateral cervical spine films, with suspected neck injury and helmet and shoulder pads on or off, case report, 123

Lateral epicondylitis, corticosteroids vs. physiotherapy vs. wait-andsee for, 403-407

Lesions, osseous, with ACL rupture, 193

Lifestyle, exercise component of, 187

Long-distance running

erythropoiesis changes during ultralong distance, 172

oxygen consumption in, 308

Loss of consciousness, brief, and severity of concussion, in athletes,

Low back injuries, prediction of, in varsity athletes, 261

Low back pain

in adolescent skiers, 200

chronic appendicitis presenting as, in recreational athlete, case report. 184

Lower extremity injury

functional performance deficits in athletes with, 73 predictors of, among recreationally active adults, 99

Lower limb soft tissue injuries, prevention of, in runners, 320

Ma Huang, 209

Magnetic resonance imaging

of ACL anatomic variables in female athletes, 70

of stress injuries of bone, 79

Marathon training, baseline injury risk factors for, 18

Masters long-distance runners, oxygen consumption in, 308

McGill Abbreviated Concussion Evaluation (McGill ACE), 187

Medial compartment osteoarthritis, functional knee bracing and, 70

Medial opening wedge high tibial osteotomy, preoperative planning for, 71

Melatonin, effects on sleep and athletic performance, 56

Meniscal repair, with biodegradable arrows vs. inside-out suturing, 69 Methodology, 1

Mitek vaporizer, excessive use during knee arthroscopy, emphysema of knee and thigh after, case report, 182

Mortality, physical activity and, among women, 52

Mountain bike racing injuries, acute, gender differences in, 158

Multidirectional instability, proprioception in, 68

Muscle damage, exercise-induced

diclofenac effects in, 193

hyperbaric oxygen and, 139

Muscle soreness, delayed onset, bromelain vs ibuprofen for, 373

Muscle strain injury, management of, 3

Muscle strength tests, shoulder, 339

Musculoskeletal injury, physical activity and risk of, 196

National Collegiate Athletic Association (NCAA) body fat prediction method, cross-validation of, 285

National Hockey League (NHL)

risk factors for groin strain injury in. 65

test battery for evaluation of concussion, 187

NCAA. See National Collegiate Athletic Association

Neck injury, suspected, initial lateral cervical spine films with helmet and shoulder pads on or off, case report. 123

Needs assessment, for Saskatchewan Province, 189

Neodymium:yttrium-aluminum-garnet (Nd:YAG) laser irradiation, low intensity, for lateral epicondylitis, 55

Neuropsychological evaluation

of concussion

computerized testing, 323

McGill ACE vs. NHL test battery, 187

tests, 187

NHL. See National Hockey League

Nonsteroidal anti-inflammatory drugs, effects on healing after Achilles tendon injury, 192

Nutritional supplements, and doping, 245

Obesity, glucose tolerance and insulin activity after training in, 113

Allen W. Jacobs, 2

Alexandra (Sandy) Kirkley, 327

Older persons with knee osteoarthritis, prevention of disability, 403-

Open repair, for recurrent traumatic anterior shoulder instability, 194 Orthopaedic manual therapy, for impingement syndrome, review, 190 Orthotripsy, low-energy, for supraspinatus tendinitis, 262

Osseous lesions, with ACL rupture, 193

Osteitis pubis, in professional soccer players, case reports, 179

Osteoarthritis

knee

long-term effects of glucosamine sulfate on, 134 prevention of disability in older persons with, 403-407 medial compartment, functional knee bracing and, 70

Osteotomy, medial opening wedge high tibial, preoperative planning for, 71

Outcome instruments, paper-based vs. computer-based, 62

Oxygen, hyperbaric, effects on exercise-induced muscle damage recovery, 139

Oxygen consumption, in long-distance runners, 308

Padding, helmet and shoulder, in initial lateral cervical spine films with suspected neck injury, case report, 123

low back, chronic appendicitis presenting as, in recreational athlete, case report, 184

patellofemoral, management of, 36

conservative, 69

patellofemoral pain syndrome

patellar alignment and morphology in, 188

patellar taping in, 387

running-related, severity outcome measure and risk factors for, 192 wrist, in young gymnasts, 348

Palsy, peroneal, posterior tibial tendon transfer for, 64

Patellar taping, in patellofemoral pain syndrome, 387

Patellar tendinopathy, ankle joint dynamics and, in elite volleyball players, 266

Patellar tendon, in ACL reconstruction, 136

Patellofemoral pain, management of, 36

conservative, 69

Patellofemoral pain syndrome

patellar alignment and morphology in, 188

patellar taping in, 387

Pennsylvania, tinea gladiatorum in, 165

Perfluorocarbons, 242

Performance

deficits in athletes with previous lower extremity injury. 73

exogenous growth hormone and, 250

inhaled beta agonists and, in asthmatic athletes, 225

intranasal budesonide and, in elite athletes with rhinoconjunctivitis.

melatonin effects on, 56

in South African Ironman Triathlon, 09x

Performance-enhancing drugs, 201

doping crisis, 203

nutritional supplements and, 245

war on, 254

Peroneal nerve injuries, in professional hockey, 188 case reports, 39

Peroneal palsy, posterior tibial tendon transfer for, 64

Physical activity. See also Daily activities

with idiopathic scoliosis, 95

and mortality among women, 52

recreational, lower extremity injury in, predictors of, 99

and risk of musculoskeletal injury. 196

Physical activity counseling, 132

for lateral epicondylitis, 403-407

supervised rehabilitation after ACL reconstruction, 193

Plantar fasciitis

conservative treatment of, 189

initial treatment of, 60

radial shockwave therapy for, 69

retrospective analysis of, 61

PLLA fixation, arthroscopic repair of rotator cuff tears with, 64

Pneumothorax, spontaneous, in track athletes, case report, 318 PPE form. See Preparticipation Physical Examination form

Pregnancy, Achilles tendinopathy during, case report, 43

Preparticipation examination, cardiovascular, 324

Preparticipation Physical Examination (PPE) form, for Female Athlete Triad screening in CIAU universities, 67

Primary care, physical activity counseling in, 132

Professional baseball pitchers, dynamic sonography of ulnar collateral ligament in, 324

Professional hockey, peroneal nerve injuries in, 188 case reports, 39

Professional rodeo, injury epidemiology in, 67

Professional soccer, osteitis pubis in, case report, 179

Prohormones, DHEA, 236

Pronation, foot, and running injuries, 57, 189

Proprioception, in multidirectional instability, 68

Protective equipment

facial, in elite young hockey players, 403-407

facial shields, in ice hockey, 191

helmet and shoulder padding in initial lateral cervical spine films with suspected neck injury, case report, 123

rugby serum caps, impact attenuating capability of, 65 in snowboarding, 66

Pseudoephedrine, effects in anaerobic exercise, 360

Quadratus femoris strain, case report, 130

Quality of life, with chronic rotator cuff tendinosis, 68

Radial shockwave therapy

effects on tennis elbow and plantar fasciitis, 69 for jumper's knee and Achilles tendonitis, 61

Radiofrequency heat probe, during arthroscopic stabilization of shoul-

Radiography, lateral cervical spine films with suspected neck injury and helmet and shoulder pads on or off, case report, 123

Radiologic abnormalities, in adolescent skiers, 200

Reconstruction, ACL

draining, 70

patellar or hamstring tendons in, 136

Recreational athletes

chronic appendicitis presenting as low back pain in, case report, 184 lower extremity injury in, predictors of, 99

Rehabilitation

adjusted, and osseous lesions with ACL rupture, 193

anterior cruciate ligament

home vs. physiotherapy supervised, 193

stairclimber vs. cycle ergometry in, 85

for traumatic anterior shoulder dislocation, 194

Research methodology, 1 clinical relevance, 328

Resting immune status, during high performance training, 301

Return-to-play guidelines

after concussion, 265

splenic rupture and, in college football players, case report, 400 Rhinoconjunctivitis, intranasal budesonide and, in elite athletes, 296

Ringworm infection (tinea gladiatorum), 165

Rodeo injury

epidemiology of, 67

experience effects on, 30, 61

Rotator cuff

injury to, golf swing kinematics in, 63

tears

massive, prognostic factors, 151

smoking and, 67

Rotator cuff repair arthroscopi

with BIONX Tacks, 64

with PLLA fixation, 64

full-thickness, hydrotherapy vs land-based therapy after, 67

Rotator cuff tendinosis, chronic, quality of life with, 68

Rotator strength, test-retest reliability of, 339

RSWT. See Radial shockwave therapy

Rugby scrum caps, impact attenuating capability of, 65

Running

long-distance, oxygen consumption in, 308

ultralong distance, erythropoiesis changes during, 172

Running-related injuries

impact forces and foot pronation in, 57

of lower limb soft tissue, prevention of, review, 320

pronation, shock, and, 189

retrospective analysis of, 60

risk factors for, baseline, 18

site of, 189

Vancouver Sun Run Training Clinics, 66

Running-related pain, severity outcome measure and risk factors for,

Salt supplementation, during ultradistance exercise, 279

Saskatchewan Province, Canada, sport medicine needs assessment, 189

Scintigraphy, of stress injuries of bone, 79

Scoliosis, idiopathic, 95

Self-care practices, of perimenopausal women, 65

Self-reported symptoms post-DVT, 62

Shock, and running injuries, 189

Short track speed skating injuries, 192

Shoulder dislocation, traumatic anterior, immediate arthroscopic stabilization vs. immobilization and rehabilitation, 194

Shoulder impingement syndrome, arthroscopic evaluation of, 68

Shoulder muscle strength tests, 339

Shoulder pads, in initial lateral cervical spine films with suspected neck injury, case report, 123

Shoulder stabilization

arthroscopic

immediate, for traumatic anterior dislocation, 194

radiofrequency heat probe use during, 195

vs. open repair, for recurrent traumatic anterior instability, 194 with BIONX Tacks, complications of, 64

Skiers

adolescent, radiologic abnormalities and low back pain in, 200 cross-country, exercise-induced asthma in, 291

upper extremity injuries in, 354

Sleep, melatonin effects on, 56

Smoking, and rotator cuff tears, 67

Snowboarding

protective equipment and injury prevention in, 66

subacute subdural hematoma in teenagers, case report, 15x

upper extremity injuries in, 354

professional, osteitis pubis in, case report, 179

subacute bacterial endocarditis in, case reports, 41

teenage, subacute subdural hematoma in, case report, 15x university, concussion among, 331

Sodium levels, in South African Ironman Triathlon, 09x

Soft tissue injuries, lower limb, prevention of, in runners, 320

South African Ironman Triathlon, weight changes, sodium levels, and performance in, 09x

Speed skating, short track, injuries in, 192

Spin bowling injuries, in young cricketers, 107

Spinal cord injury prevention, Think First Saskatchewan program, 191 Splenic rupture, and return-to-play guidelines, in college football play-

ers, case report, 400

Spondylolysis, in adolescent athletes, 119 Sports medicine needs assessment, for Saskatchewan Province, 189

Sports physicians, and doping crisis, 203

Sprains, acute ankle inversion, passive joint mobilization for, 54 Stairclimber, in postoperative ACL rehabilitation, 85

Step-up, swing limb control during, after total knee arthroplasty, 62 Steroids, DHEA, 236

Stimulants, 209

Strains

groin, risk factors for, in National Hockey League, 65

heat, rapid cooling techniques in, 322

muscle, management of, 3

quadratus femoris, case report, 130 Strength tests, shoulder muscle, 339

Stress fractures, recurrent, in track and field, 324

Stress injuries, of bone, scintigraphy vs MRI of, 79

Subdural hematoma, subacute, in teenage soccer player and snowboarder, case report, 15x

Supraspinatus tendinitis, low-energy ESWT for, 262

Suturing, inside-out, for meniscal repair, 69

Swing limb control, during step-up after total knee arthroplasty, 62 Sympathomimetics, 209

Symphyseal curettage, for osteitis pubis in professional soccer, case report, 179

Tamoxifen, in women body builders, case report, 313

Taping, patellar, in patellofemoral pain syndrome, 387

Teenagers. See Adolescent athletes

Tendinitis, supraspinatus, low-energy ESWT for, 262

Tendinopathy

Achilles

during pregnancy, case report, 43

with tendinosis, 367

patellar, ankle joint dynamics and, in clite volleyball players, 266 Tendinosis

Achilles tendinopathy with, 367

rotator cuff, chronic, 68

Tennis elbow, radial shockwave therapy for, 69

Thigh, emphysema of, after excessive Mitek vaporizer use during knee arthroscopy, case report, 182

Think First Saskatchewan program, 191

Thrombosis, deep vein, exercise and self-reported symptoms, 62

Tibial osteotomy, high, medial opening wedge, 71

Tibial tendon transfer, posterior, for peroneal palsy after posterolateral knee dislocation, 64

Tinea gladiatorum, 165

Total knee arthroplasty, swing limb control during step-up after, 62 Track and field

recurrent stress fractures in, 324

spontaneous pneumothorax in, case report, 318

Training

glucose tolerance and insulin activity in obese subjects after, 113 high performance, immune status during, 301

marathon, baseline injury risk factors for runners in, 18

Traumatic anterior shoulder dislocation, immediate arthroscopic stabilization vs. immobilization and rehabilitation, 194

Traumatic anterior shoulder instability, recurrent, arthroscopic vs. open repair for, 194

Triathletes, weight changes, sodium levels, and performance in, 09x

Ulnar collateral ligament, dynamic sonography of, in professional baseball pitchers, 324

Ultradistance exercise, salt supplementation during, 279

Ultralong distance running, erythropoiesis changes during, 172

Ultrasound, Achilles tendon rupture features on, 273

Universities, CIAU, PPE form for Female Athlete Triad screening in, 67

Upper extremity injuries, in snowboarding and skiing, 354

Vancouver Sun Run Training Clinics

running injuries, 66

severity outcome measure and risk factors for running-related pain, 192

Varsity athletes

concussion in, 191

low back injuries in. prediction of, 261

Vasti muscle activation, patellar taping and, in patellofemoral pain syndrome, 387

Violence, in ice hockey. AOASM position statement on, 46

Volleyball players, elite, ankle joint dynamics and patellar tendinopathy in, 266

WADA. See World Anti-Doping Agency

Wait-and-see, for lateral epicondylitis, 403-407

War on drugs, 254

Water exercise programs, for arthritis, 63

Wellness Sense Survey, 187

Women

body builders, tamoxifen in, case report, 313

lacrosse players, eye injuries in, 24

perimenopausal, self-care practices of, 65

physical activity and mortality among, 52

World Anti-Doping Agency (WADA), 254

Wrestling

collegiate, NCAA method for body fat prediction for, crossvalidation of, 285

tinea gladiatorum in. 165

Wrist pain, in young gymnasts, 348

Young cricketers, injuries of spin vs. fast bowling in, 107

Young gymnasts, wrist pain in, 348

Young hockey players, elite, facial protection and injuries, 403-407